G3 Home Automation Wiring

Part Number(s): 28C0016(G3), 28C0051(RS485 Kit)

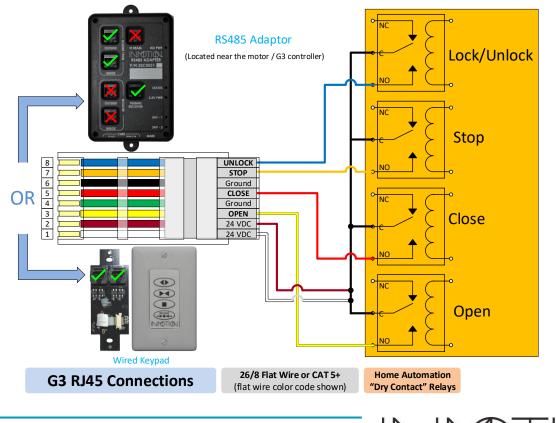
G3 Controller (Wired Only)

A home automation system that supports "dry relay" contacts, can be connected to a to a <u>wired</u> G3 system. The relay module must be purchased separately from the home automation vendor. The relay module is then wired to one of the G3's RS485 Adaptor's ports OR to a spare RJ45 port on the back of a wired wall switch.

The <u>wireless</u> version of the G3 controller does NOT support home automation.

A wireless G3 can be upgraded to wired with the addition of a "RS485 Adaptor kit".

- Make sure the RJ45 end of home automation wire created, is routed to the location of the RS485 GPIO Adaptor OR to a wall switch location with an available RJ45 port. If multiple wired wall switches are installed, the last switch in the chain will have a spare, unused RJ45 port available for the connection. The RS485 Adapter will be located near the motor.
- 2. Connect the home automation RJ45 cable into an available wall switch port, or one of the indicated ports on the RS485 Adapter.
- 3. The home automation system should then be programmed to enable each of the desired functions by activating the designated relay for 0.5 to 1 second. At no time should a relay be held ON for more than 1 second.



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